

**NATIONWIDE
NATIONAL GUARD OF ARIZONA
HUMAN RESOURCE OFFICE
5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495
PHONE (602) 629-4800; DSN 853-4800
WEBSITE: <http://dema.az.gov/>**

**30-Aug-18 TITLE 5 EXCEPTED
VACANCY ANNOUNCEMENT**

ANNOUNCEMENT NUMBER: 18-456T OPENING DATE: 31-Aug-18 CLOSING DATE: 24-Sep-18

POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:
Industrial Hygiene Technician, GS-0640-10, T5909300, MPCN: 007777334

KNOWN PROMOTION POTENTIAL: NONE

SALARY RANGE: **\$57,517.00-\$74,773.00 PA** **SUPERVISORY** ☐ **MANAGERIAL** ☐
NON-SUPERVISORY/NON-MANAGERIAL ☒

LOCATION OF POSITION:
161st Medical Group, PHOENIX, AZ

APPLICATIONS MUST BE MAILED OR HAND CARRIED TO: Human Resources Office, 5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495. Applications must be received by close of business (1530 MST) on the closing date shown above or if mailed, postmarked no later than the closing date. The Human Resources Office will not accept applications that are mailed at government expense or forwarded through an internal mail system. Faxed applications will not be accepted.

AREA OF CONSIDERATION: This is a National Guard Title 5 Excepted Service position and is **Open to all US Citizens**. Individual selected will receive a Permanent Appointment after successful completion of a 1 yr trial period ..

INSTRUCTIONS FOR APPLYING: Individuals applying for vacancies with the Arizona National Guard may submit Optional Form 612 (Optional Application for Federal Employment), or a Resume. Application must contain the Announcement Number, Title and Grade(s) of the job being applied for. Personal information must include full name and address (including ZIP Code), Day and evening phone numbers (with area code). Work experience information should be limited to either paid or nonpaid experience directly related to the position that the individual is applying for and must include: Job Title, Duties and accomplishments, Employers name and address, Supervisors name and phone number, starting and ending dates, hours per week and salary.

Applicants **MUST** submit a completed **AZNG Form 335-2-R (Knowledge, Skill and Ability Supplement)** or a separate document explaining how they meet each Knowledge, Skill and Ability listed below and a **Resume** or the **Optional Form 612**.

VETERAN'S PREFERENCE:

In accordance with 5 CFR §335.106, Veteran's Preference will be considered for vacancies under merit promotion when an agency accepts applications from individuals outside its own workforce.

REQUIRED DOCUMENTATION:

Eligible veterans must claim their veterans' preference on their resume and during the application process for federal positions using the proper documentation. To receive the 5 point preference (TP) rating the individual must provide member copy 4 of their Certificate of Release or Discharge from Active Duty (DD 214) for verification. To receive the 10 point preference the Application for 10-Point Veterans Preference form (SF-15) must accompany application and additional documentation detailing characterization of service.

EVALUATION PROCESS: Each applicant must **FULLY SUBSTANTIATE** on their application how they meet the requirements listed in the specialized experience area; otherwise applicant will be considered unqualified for this position. Applications will be evaluated solely on information supplied in the application (OF 612) or resume. Experience will be evaluated based on relevance to the position for which application is being made. Include job titles, starting and ending

dates (month and year), hours per week, salary, duties/accomplishments, employer(s) name and address, and supervisor(s) name/phone number and permission to contact.

EDUCATION:

Substitution of Education for Specialized Experience

Graduate education or an internship meets the specialized experience required above GS-5 *only* in those instances where it is directly related to the work of the position. One full year of graduate education meets the requirements for GS-7. Two full years of graduate education or a master's degree meets the requirements for GS-9. One year of full-time graduate education is considered to be the number of credit hours that the school attended has determined to represent 1 year of full-time study.

If you are relying on your education to meet qualification requirements:

Education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications. Therefore, provide only the attendance and/or degrees from schools accredited by accrediting institutions recognized by the U.S. Department of Education.

Failure to provide all of the required information as stated in this vacancy announcement may result in an ineligible rating or may affect the overall rating.

CONDITIONS OF EMPLOYMENT:

- Participation in the Direct Deposit/Electronic Funds Transfer Program.
- Federal employment suitability as determined by a background investigator.
- May be required to successfully complete a probationary period.

EQUAL OPPORTUNITY: The Arizona National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, religion, age, national origin, sex, political affiliation, marital status, membership or nonmembership in an employee organization or any other non-merit factor.

REASONABLE ACCOMMODATION POLICY:

Federal agencies must provide reasonable accommodation to applicants with disabilities where appropriate. Applicants requiring reasonable accommodation for any part of the application process should follow the instructions in the job opportunity announcement. For any part of the remaining hiring process, applicants should contact the hiring agency directly. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

A reasonable accommodation is any change to a job, the work environment, or the way things are usually done that enables an individual with a disability to apply for a job, perform job duties or receive equal access to job benefits.

Under the Rehabilitation Act of 1973, federal agencies must provide reasonable accommodations when:

An applicant with a disability needs an accommodation to have an equal opportunity to apply for a job.

An employee with a disability needs an accommodation to perform the essential job duties or to gain access to the workplace.

An employee with a disability needs an accommodation to receive equal access to benefits, such as details, training, and office-sponsored events.

You can request a reasonable accommodation at any time during the application or hiring process or while on the job. Requests are considered on a case-by-case basis.

Learn more about disability employment and reasonable accommodations or how to contact an agency.

Relocation Incentive may be offered:

YES ☐

NO ☒

PCS may be offered:

YES ☐

NO ☒

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED FOR SUCCESSFUL PERFORMANCE IN THIS POSITION:

Each applicant should fully justify on their application how they meet each KSA listed below using AZNG Form 335-2-R to reference the justification.

1. Knowledge encompassing a basic foundation in the physical or life sciences and mathematics. A thorough and detailed knowledge of OSHA, AFOSH, EPA, and other federal laws and related programs, and of DoD, USAF, and ANG regulations, policies and procedures related to bioenvironmental engineering and occupational/industrial health.
 2. Knowledge of a broad range of methods, techniques, and principles of occupational health and industrial hygiene sufficient to independently manage a local ANG Industrial Hygiene/Bioenvironmental Engineering program.
 3. Knowledge of bioenvironmental engineering and environmental protection concepts, principles, and practices applicable to the performance of industrial hygiene/occupational health investigations.
 4. Knowledge required to detect, identify and evaluate existing or potential hazardous conditions through a wide range of sampling and testing techniques.
 5. Knowledge of methods for performing data and requirements analysis.
 6. Knowledge required to recommend or direct applicable controls, approaches, and/or protective devices relative to the prevention or correction of harmful exposures and/or hazards findings.
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SPECIALIZED EXPERIENCE : Must have at least **30** months experience, education, or training which provided working knowledge of the principles and practices related to the management of health care delivery systems. Experience with evaluations, surveys, reports of finding, and associated training of others in the areas of risk awareness/assessment and preventative measures. Experience in overseeing an occupational health and environmental quality program. Experience briefing senior leaders on related subjects.

BRIEF JOB DESCRIPTION: The purpose of the position is to plan, schedule, execute, manage, and administer the installation-wide Industrial Hygiene/Bioenvironmental Engineering Program (IH/BEE), which includes occupational health/industrial hygiene, radiation safety, and environmental monitoring to maintain and promote the health and well-being of military and technician personnel. Ensures statutory and regulatory compliance with applicable Occupational Safety and Health Administration (OSHA) and Air Force Occupational Safety and health (AFOSH) directives in the ANG area of assignment. Serves as a technical advisor to Wing leadership on all issues pertaining to above directives. Serves as an advisor concerning OSHA, the Environmental Protection Agency (EPA), Nuclear Regulatory Commission (NRC), and US Air Force on installation health matters, such as health hazard identification, evaluation and abatement; workplace surveillance; medical-legal documentation; asbestos abatement; lead based paint; ionizing and non-ionizing radiation; Thermo Luminescent Dosimetry (TLD); air emissions; drinking water; wastewater discharges; hazardous wastes; Agency for Toxic Substances and Disease Registry (ATSDR) activities; pesticide use; environmental noise; environmental assessment; environmental sampling; and other environmental monitoring. Serves as an installation advisor regarding Nuclear Biological and Chemical readiness issues. Researches industrial operations and develops, implements, and executes surveillance strategies, inspections and evaluations of operational facilities, and various activities to detect and eliminate health hazards. Writes industrial facility case files on installation industrial shops in accordance with Air Force Instruction (AFI) 48-145, Occupational Health Program. Designs appropriate methods and techniques of surveys. Performs no-notice, spot, and special inspections of operational facilities and worksites base wide when statistical analyses and conditions dictate need, when new equipment is to be installed, and/or when hazardous conditions exist. Identifies potential physical, biological, and chemical health hazards in the workplace; evaluates exposure to workers and prescribes corrective measures, which may include changing work processes/procedures, adding/modifying engineering systems, making chemical substitutions, or using personal protective equipment. As necessary, invokes authority to cease any operation due to potentially life threatening conditions. In the case of serious or acute conditions, chronic illnesses, etc., performs follow-up interviews and provides guidance to the affected or involved employee(s), physician(s), hospital/clinic(s), and supervisor(s) to prevent future similar situations. Documents findings using complex inter-relational data basing systems. Determines and assigns Risk Assessment Code (RAC) to health hazards. Establishes RAC based on potential of significant health risk in relation to occupational health related exposure. Maintains deficiency log. Prepares, reviews for comments/clarification, and submits AF Form 457, USAF Hazard Report, to safety office. Reviews AF Form 457 from unit for comment and clarification and forwards to safety office. Prepares and issues AF Form 1118, Notice of Hazard, to shop supervisor and ensures its posting. Assists shop supervisor in completing AF Form 3, AF Hazard Abatement Plan, for hazard identified by RAC 1, 2, or 3. Monitors abatement of occupational health hazard to ensure corrective action has been initiated. Maintains record of occupational health-related RAC 4 and 5 hazards until appropriate corrective action is completed.

Reviews plans for new and existing facility construction projects. Ensures applicable OSHA, AFOSH, and EPA criteria are incorporated and notes where deficiencies are, recommending appropriate changes to facilities environments that would assure integration of occupational/environmental health and industrial hygiene controls to prevent adverse health and environmental impact.

Manages and assesses installation environmental sampling, analysis and monitoring requirements and performs ambient, source, and substance tests and monitoring. Complies and evaluates pollution emission inventories to include air, waste water, and hazardous materials/wastes. Determines human health impacts, works with Air Force, federal, and state officials collaboratively to ensure all laws are followed properly. Serves as the installation point of contact and coordinator for Agency Toxic Substances and Disease Registry (ATSDR) activities, including assembling and maintaining an inventory of information sources and documents; provides information and advisory services relative to ATSDR health assessments/risk, and prepares related correspondence and reports.

Develops, implements, and manages the Federal Hazard Communication Standard as mandated by OSHA. Interprets Material Safety Data Sheets (MSDS) for employees, management and other health professionals, and maintains the base master MSDS file. Provides education concerning MSDS's to new and existing employees. Interfaces with manufacturers of hazardous materials in order to obtain the most current health hazard information available for chemicals located at each installation. Analyzes information used in preparing hazardous materials inventories and operating instructions. Provides technical assistance to employees for proper completion of hazardous chemical labeling, and recommends processes to assure handling, storage, and disposal of toxic and other hazardous waste in accordance with applicable Federal, State, and local regulatory directives.

Authorizes, reviews, and validates new hazardous material issued on AF Form 3952, Chemical Hazardous Material Request/Authorization. Identifies low level less hazardous substitutes through chemical and process knowledge. Reviews and approves issues related to hazardous material including personal protective equipment (PPE) and disposal requirements. Researches technical orders (T.O) for possible substitutes (i.e., environmentally friendly products). Provides and enters data in hazardous chemical information from AF Form 3952 and MSDS into AF-EMIS, ACES-EM, or EESOH. Acts as the health specialist advisor to Wing leadership on issues pertaining to the Hazardous Materials Management Plan (HMMP) and other pertinent issues.

Serves as a competent authority on radioactive material on base, controlling management of these materials from receipt to disposal. Performs leak tests of incoming and outgoing materials, takes swipe samples of radioactive waste, and analyzes/documents results. Writes guidance to users of radioactive materials to ensure related documentation is complete and properly prepared. Approves transfer and shipment of radioactive materials. Serves as the Base Radiation Safety Officer for Radio-Frequency radiation, ionizing radiation, and laser radiation. Develops and implements local directives for the installation radiation program. Interprets TLD reports as they apply to the base program, ensures instructions comply with applicable directives, and develops and monitors local emergency cleanup procedures for accidental releases. Routinely surveys workplaces for compliance, providing corrective measures when non-compliance situations arise. Investigates potential radiation overexposures by conducting interviews with potentially exposed personnel, witnesses, and management/supervisory personnel and by calculating probe burnout conditions, permissible exposure limit distances, and incident exposure levels. Recreates exposure levels and measures exposure levels at re-creation, formulating determination of exposures from available hard data and mathematical re-creations. Provides reports of findings with recommended preventative/corrective measures to the installation commander and other state and federal agencies (i.e. OSHA, Department of Transportation, and EPA). Coordinates with the medical group ensuring the incident is documented in the individual's medical record.

Ensures the installation is in compliance with OSHA confined space standards. Evaluates the areas to determine hazards. Develops and writes guidance on local controls and procedures for personnel entry into confined spaces. Reviews and approves entry permits, and provides training as needed.

Researches, formulates and implements workplace air sampling strategy, performs air sampling surveys, and evaluates results. Evaluates existing controls, and determines and prescribes corrective measures to management, such as implementation of administrative or engineering controls and/or use of personal protective equipment. Briefs installation leadership and management committees on survey results that have a potential positive/adverse impact, and provides technical advice on plans and correction.

Conducts noise surveys before commencement of new operations or work processes, when notified that operations/processes have changes, or on a periodic basis. Researches needs and conducts sound/decibel tests in facilities or other areas where potential overexposures to noise may exist, such as machine shops. Analyzes and implements appropriate engineering and/or administrative/procedural controls. Recommends personal protective equipment where excessive noise is evident. Ensures proper documentation of surveillance is provided to other agencies (i.e. Public Health) to help meet physical exam requirements.

Directs the base Respiratory Protection Program (RPP) in accordance with AFOSH Standard 48-137, Respiratory Protection Program based on air sampling results and professional judgment. Ensures respiratory protection device chosen will provide proper protection against hazard identified. Controls issue of respiratory protective devices in coordination with installation base supply. Authorizes issue of respiratory protection for specific industrial processes and ensures respirator users are quantitatively fit tested. Provides RP training to personnel during their annual fit testing of respirators.

Manages the base drinking water surveillance program, ensuring full compliance with all aspects of the EPA Safe Drinking Water Act (SDWA). Determines requirements, develops sampling strategies, and coordinates exchange of data with the consumers, Civil Engineering, local potable water providers and state regulators. Conducts the base potable water vulnerability assessment by collecting samples and performing water quality analyses. Provides the wing with a formal written assessment of the potential risks associated with the installation. Notifies base populace and state regulators when standards are exceeded and provides advice regarding follow-up health/safety actions that should/must be taken.

SELECTING OFFICIAL: CMSgt George Silvas
